



ORCC

TOPCAP

The Ottawa Remote Control Club Newsletter

Wednesday, December 01, 2010

General Inquiries To ORCC
info@ottawarcclub.ca

ORCC Board of Directors
Executive Positions

President
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Secretary
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Treasurer
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Past President
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Special Committee Chairs

Chief Flying Instructor
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3D Flying
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3d@ottawarcclub.ca

Drummond Field Manager
Paul Bradbeer
drummondfield@ottawarcclub.ca
613-601-3615

DATES TO REMEMBER

Dec. 7, 2010	Club Meeting	Club Elections
Jan. 4, 2011	Club Meeting	Engines – Paul Bradbeer
Feb 1, 2011	Club Meeting	TBD
Feb. 19, 2011	Fun Fly	Winter Fun Fly

ORCC Club meetings held @ McNabb Community Centre (180 Percy Street) @ 8pm

FROM THE PRESIDENT

Hello everyone,

Welcome to the December 2010 edition of the ORCC TOPCAP.

A special welcome to Peter Buffam who is our new TOPCAP editor. A big "Thank You" to Mark Josefowich who is stepping down as TOPCAP editor after many years of faithful service.

At the December meeting we will be having the election where you will vote for your favorite candidates.

At this meeting there will also be a "silent auction" of the kind where you mark your bid on a sheet of paper beside each item. If you look around your workshop you quite likely will find several items you might wish to sell at the auction. You might also think of some items you would like to purchase. Feel free to come and do commerce.

For the election, we would like to have a good voter turn-out so that the result of the vote is a good reflection of the overall intent of the club. At present, the club is in a healthy financial position. We have three good flying sites, and a good membership roster. It has been said that people end up with the leadership they deserve. So please come and participate with your vote. We need the membership to select good leadership to guide the club for the next two years.

See you at the meeting,

Mike Toner
ORCC President



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Workshops
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Winter Flying
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Calvin Goble
Warbird Interest Group
Warbirds@ottawarclub.ca

From the Editor

Welcome to my first edition of editing the Topcap newsletter. For those of you who I have yet to meet, I was an ORCC member back in 1992 for 3-4 months leaning how to fly my trainer, then business and family happened and well 18 years later, I am back, still trying to learn how to fly my trainer. Boy, have things changed, simulators and ARF's are the biggest changes in my opinion in getting more people into the hobby and flying quicker. For those of us without the kit building skills and more importantly the "patience" to build a first plane from a kit, prior to even flying for your first time (assuming you built it correctly), it has really helped people get into the air quicker and makes the hobby more assessable.

The assistance I have received since returning has been tremendous, from ensuring I have a safe plane to all of the different instructors that have come out on Wednesday evenings to volunteer their time and help us rookies learn, we do appreciate it. Mike Toner and Mike Torunski have also been very generous in offering to assist me at other times when they are flying their planes. I am looking forward to winter flying and hopefully some calm days as winds on Wednesday evenings this fall have been fairly strong.

As you can see I have made a few format changes in the newsletter, hopefully you like them; I'd be interested in your feedback on any improvements you'd like to see.

Peter Buffam
TopCap editor

ORCC CHRISTMAS GET TOGETHER

We will be having the ORCC Christmas Get Together and Dinner again this year. All who attended last year had a wonderful time, the food was great the beer was cold and the company was excellent!

We will be having it again this year at Kristy's Restaurant at 809 Richmond Road.

I have booked their Party room for Friday Dec 10th at 7:00PM. It would be a great help if all who expect to attend would RSVP me as soon as possible so we can give the restaurant an idea of how many will be attending. So bring your favourite squeeze and help celebrate the holidays and join us for a great time!!



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Yachting & Indoor
Jim Zufelt
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TopCap Editor
Peter Buffam
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613-823-1593

The Executive decided that it might be fun to have an anonymous gift exchange at the Christmas Dinner. Gifts should be in the \$10 to \$20 range. It isn't mandatory and gifts do not necessarily have to be R/C related. All those who bring a gift will receive a gift.

Time is running short so please RSVP by emailing me at paul.bradbeer@rogers.com or call me at 613-601-3615 and let me know how many will be in your party.

Looking forward to seeing you there!!

Here's a link to the restaurant and directions

Kristy's Restaurant

Address: 809 Richmond Road

Phone: (613) 722-2336

<http://www.restaurantica.com/on/ottawa/kristys-restaurants-inc/23004241/>

Canada's First Altitude Limited E-Glider Contest?

By Aurele Alain, MAAC 19616

Over the last 3 years or so, the Ottawa Remote Control Club (ORCC) glider group has been getting more and more involved in flying electric gliders (F5J). The advent of Lipo batteries and powerful motors makes for interesting and fun glider flying without the need to lay out heavy winches. In the past, the ORCC has hosted a number of electric glider events in the form of Limited Motor Run (LMR) contests. These usually take the form of a maximum initial launch of 30 seconds followed by a timed flight and a spot landing.

One of the challenges with LMR contests is that it puts the most powerful gliders at huge advantage since they can climb very quickly to incredible altitudes. There are a number of electric gliders in the ORCC that climb to over 1000 feet in under 15 seconds where they become difficult to see but are assured a very long flight. Now technology has come to help even out the playing field in the form of an electronic switch that automatically shuts-off the motor when a predetermined altitude is reached.

These switches are designed to plug in between the receiver and the Electronic Speed Control (ESC). Using a pressure sensor and a timer, the circuit cuts off the motor at 200m altitude or after 30 seconds, whichever



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comes first. Now everyone gets a fair launch and the motor is less of a factor in the contest. These contests are known as "Altitude Limited Contests" or "Height Limited Contests". For our event, the ORCC is using a circuit called the "Competition Altimeter for Models" (CAM) from Soaring Circuits available at www.soaringcircuits.com.

On October 23, 2010, the Ottawa Remote Control Club (ORCC) hosted its first Altitude Limited electric glider contest. We believe this to be the first Altitude Limited event held in Canada and it was a huge success. The format of the contest was a 200m launch, a 7 minute flight followed by a spot landing. In under 2 hours, we were able to run 6 rounds which is a lot flying in a short period of time. The pilots flew in 2 groups so you were either flying or timing for another pilot.

There were 7 registered pilots and the final results were as follows:

Place	Name
1	Aurele Alain
2	Colin Sutherland
3	Brian Buchanan
4	Dick Mills
5	Gudmund Thompson
6	Mike Anderson
7	Rod Binnie

In 2011, we're looking to coordinate Altitude Limited events with the glider clubs from Montreal and southern Ontario. If anyone is interested in learning more, please feel free to contact me at aurele.alain@sympatico.ca.



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Picture #1: Pilots line up at their landing spots to launch.



Picture #2: Aurele Alain launching his Gracia. Here, the glider is thrown with motor off and the pilot starts the motor only once it has been safely released.



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Picture #3: The CAM module is very small and fits easily into any e-glider.

Membership Update

LOOKING FOR A NEW MEMBERSHIP CHAIRMAN

Our memberships have been moving along nicely recently, especially with the nice weather. Please remember that you must join before you fly.

After a long period of thought, I have decided to step down as membership chairman as of the end of March 2011 (yes, that's 2011). I have deliberately given a long lead time to the ORCC executive to give time to transition to a new membership chairman. Ideally, I would like a volunteer to start taking over the membership duties in October 2010 to allow some time for a smooth transition.

Over the years, I have processed over 1000 ORCC memberships and over 850 MAAC memberships. It is a fairly busy job but you can do it mostly on your own time.

In 2004, I developed an MS Access application which really helped me



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minimize the effort required to manage the memberships. Since that time, it has evolved to a fairly sophisticated application. This application will be available to whoever takes over and I am prepared to provide support for it on a best-efforts basis.

THIS IS YOUR OPPORTUNITY TO MAKE A MAJOR CONTRIBUTION TO THE ORCC!

Please contact me at aurele.alain@sympatico.ca or at 613-738-8797 to know more.

ITEMS FOR SALE

I have decided to get out of GAS flying, and switch to ELECTRIC flying only. As a result I have a lot of stuff for sale and invite interested parties to call me and make arrangements to come over to check it out, and make an offer on individual items or, on the whole lot in one sale.

Herewith is a list of the gear:

2 Trainer Planes

- Thunder Tiger
- Eagle 2

In addition, I have a PT 19 lightweight, (for electric gear)

The Trainer Planes are fully equipped and operational. Motor 40/46, Servos, Receiver, Transmitter, Manual. These planes have seen a fair bit of use, but, all 3 are air-worthy.

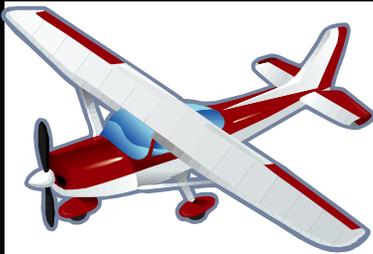
Equipment

- fuel pumps
- all sorts of chargers & accu-cycle charger
- power panel
- heat gun
- chicken sticks
- extra props
- timers
- engine OS Max FP 60

Please call me at **613-829-2289 (before 10:00 pm)** and leave a message if I am not in.

Jack Snapper

3 Kimberley Road
Bells Corners, Nepean



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**Just a friendly reminder to support our local hobby shops.
They're always ready to help the club to support all of our events.
Your business is appreciated!**